

Assessment Update 2015-16

Indiana Department of Education Office of Student Assessment



Indiana
Department of Education

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Indiana Superintendent of Public Instruction

Assessment Development Journey





Item
Development;
Internal IDOE
Item Review



Content and Bias/Sensitivity Reviews

Blue font = Educator Involvement



Standard Setting
(Cut Score
Setting)



Pilot Items/
Administer
Operational Test



Revise/Select Items





Item Review by Indiana Educators

- Indiana educators in grade/content committees verify that each item is...
 - Matched to an Indiana Academic Standard (alignment)
 - Accurate and appropriate for the grade level
 - Clearly stated and unambiguous
 - Appropriate for the assigned Depth of Knowledge

Educators play a key role in the development of Indiana's accountability assessments.



2015-16 Assessments

- ISTEP+ Grades 3-8
- ISTEP+ Grade 10
- ECAs
- ISTAR
- IREAD-3
- WIDA
- ACCUPLACER
- PSAT
- Formative Assessments



2015-16 Assessments

ISTEP+ Grades 3-8



ISTEP+ Grades 3-8: Overview

- Vendor: Pearson
- Grades / Content Areas
 - 3-8: English/Language Arts, Mathematics
 - Grades 4 and 6: Science
 - Grades 5 and 7: Social Studies
- New! Part 1 Science available online
- Piloting new items Book II only
 - Small statistical sample of students
- Item samplers
 - Feature Pearson's online platform beginning in November

ISTEP+ Grades 3-8: Item Types (ELA)

- Item Types
 - ELA
 - Part 1
 - Constructed-Response (CR)
 - Extended-Response (ER)
 IMPORTANT: ELA will no longer include an ER during the Part 1 test administration.
 - Writing Prompt/Essay (WP)
 - Part 2
 - Multiple-Choice (MC)
 - Technology-Enhanced (TE)
 - Online only



ISTEP+ Grades 3-8: Item Types (Math)

- Item Types
 - Math
 - Part 1
 - Constructed-Response (CR)
 - Extended-Response (ER)
 - Part 2
 - Multiple-Choice (MC)
 - Technology-Enhanced (TE)
 - Online only
 - Gridded-Response (GR)
 - Paper/pencil only



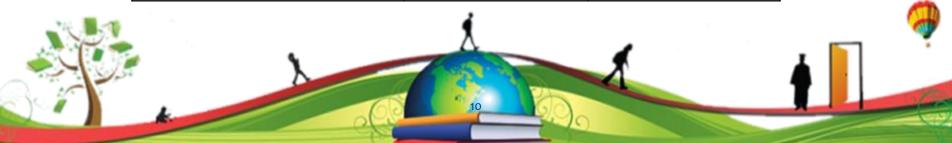
ISTEP+ Grades 3-8: Item Types (SCI, SS)

- Item Types
 - Science, Social Studies
 - Part 1
 - Constructed-Response (CR)
 - Extended-Response (ER)
 - Part 2
 - Multiple-Choice (MC)



ISTEP+ Grades 3-8: Approximate Test Length

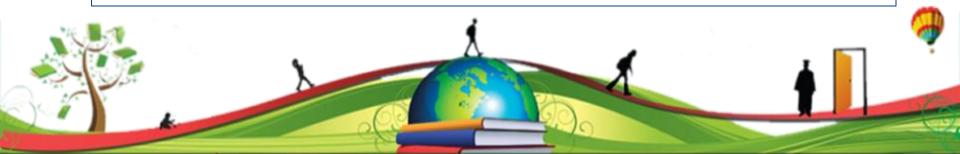
Spring 2016 – Early Estimates					
Content Area	Grades 3-5	Grades 6-8			
Mathematics	2 hours	2 hours			
English/Language Arts	3.75 hours	3.75 hours			
Science	1.75 hours (Grade 4)	1.75 hours (Grade 6)			
Social Studies	1.6 hours (Grade 5)	1.6 hours (Grade 7)			



ISTEP+ Grades 3-8: Test Administration Modes

- **2**015-16
 - Part 1 Online availability: ELA, SCI, SS
 - Part 2 Online required: ELA, MA, SCI, SS
- **2**016-17
 - Part 1 Online expectation: ELA, MA, SCI, SS
 - Part 2 Online required: ELA, MA, SCI, SS

In 2015-16, schools may choose online or paper/pencil administration for Part 1. In 2016-17, schools will be expected to administer Part 1 online.



ISTEP+ Grades 3-8: Accountability Overview

- ELA, Math
 - Federal accountability calculation
 - Participation and performance
- Science
 - NCLB-required
 - Participation

Social Studies assessment participation is required by Indiana statute.



2015-16 Assessments

ISTEP+ Grade 10



ISTEP+ Grade 10: Overview

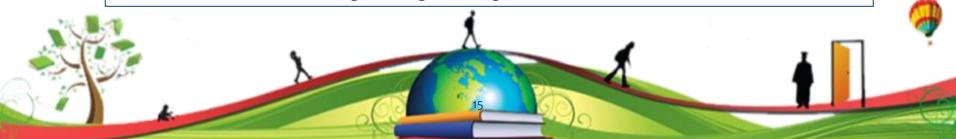
- Vendor: Pearson
- Content Areas
 - English/Language Arts
 - Mathematics
 - Science
- Two testing windows:
 - Part 1 (March)
 - Part 2 (May)
- Operational pilot
 - Incorporates future items into test design



ISTEP+ Grade 10: Purpose

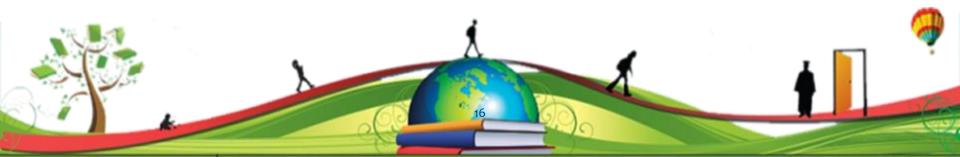
- Three purposes of the Spring 2016 ISTEP+ assessment in grade 10:
 - Add to the vertical scale based on assessments aligned to new CCR standards
 - Administer the Spring 2016 ISTEP+ test for accountability
 - 3) Field test items to use during the Spring 2017 ISTEP+ administration

The Grade 10 ELA and Math ISTEP+ tests will become the graduation examination beginning with grade 10 students in 2016-17.



ISTEP+ Grade 10: Assessment Design

- Aligned to Indiana Academic Standards in English/Language Arts, Mathematics, and Science
- Educators served on Assessment Committees
 - Identified standards that represent knowledge, skills, and abilities students must have...
 - by the end of grade 10 to be on track
 - o for college and career readiness upon completion of grade 12



ISTEP+ Grade 10: Assessment Design (continued)

- Focus on domain-based assessments
 - Domain = content within a particular subject area
 - ELA examples
 - Reading: Literature, Nonfiction
 - Writing: Genres, Writing Process
 - Writing: Conventions
 - Math examples
 - Number Sense, Expressions, Computation
 - Geometry and Measurement
 - Data Analysis, Statistics, and Probability
 - Linear Equations, Inequalities, and Functions

ISTEP+ Grade 10: Assessment Design (continued)

- Not aligned to specific courses; allows maximum local flexibility for course sequences
 - Exception: Biology I (per SBOE direction)
 - Test aligned to following standards (approx. 50/50):
 - The Nature of Science
 - Biology I
 - Student participates in ISTEP+ Grade 10 Science Test when in Biology I course
 - Test administered in multiple grade levels



ISTEP+ Grade 10: Item Types (ELA)

- Item Types
 - ELA
 - Part 1
 - Constructed-Response (CR)
 - Extended-Response (ER)
 IMPORTANT: ELA will not include an ER during the Part 1 test administration.
 - Writing Prompt/Essay (WP)
 - Part 2
 - Multiple-Choice (MC)
 - Technology-Enhanced (TE)
 - Online only



ISTEP+ Grade 10: Item Types (Math)

- Item Types
 - Math
 - Part 1
 - Constructed-Response (CR)
 - Extended-Response (ER)
 - Part 2
 - Multiple-Choice (MC)
 - Technology-Enhanced (TE)
 - Online only
 - Gridded-Response (GR)
 - Paper/pencil only



ISTEP+ Grade10: Item Types (Science)

- Item Types
 - Science
 - Part 1
 - Constructed-Response (CR)
 - Extended-Response (ER)
 - Part 2
 - Multiple-Choice (MC)



ISTEP+ Grade 10: Assessment Preparation

- Ensure opportunity to review
 - If student is not in an ELA and/or Math class in March or May
 - Use instructional strategies in current courses, such as classroom warm-ups, to provide intentional review
 - Similar to preparation for GQE (prior to ECAs)

ISTEP+ Grades 10: Approximate Test Length

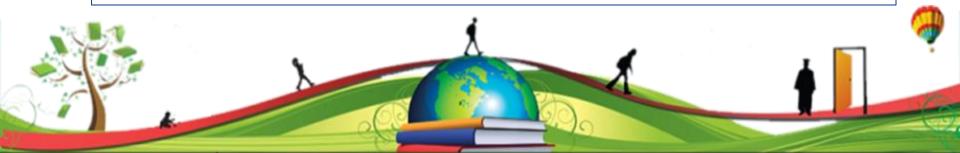
Spring 2016 – Early Estimates			
Content Area	Grade 10		
Mathematics	2.5 hours		
English/Language Arts	4 hours		
Science	2 hours		



ISTEP+ Grade 10: Test Administration Modes

- **2**015-16
 - Part 1 Online availability: ELA, SCI
 - Part 2 Online required: ELA, MA, SCI
- **2**016-17
 - Part 1 Online expectation: ELA, MA, SCI
 - Part 2 Online required: ELA, MA, SCI

In 2015-16, schools may choose online or paper/pencil administration for Part 1. In 2016-17, schools will be expected to administer Part 1 online.



ISTEP+ Grade 10: Results

- Standard Setting (Cut Score Setting)
 - Summer 2016
 - Cut score recommendations to State Board of Education
- Results timeline
 - Assessment results available Fall 2016



ISTEP+ Grade 10: Accountability Overview

- ELA, Math
 - Federal accountability calculation
 - Participation and performance
- Science
 - NCLB-required
 - Participation

The new Grade 10 ISTEP+ test in ELA and Math will be used to calculate high school accountability, replacing the ECAs previously used for this purpose.



2015-16 Assessments

End of Course Assessments (ECAs)



End of Course Assessments (ECAs) (Questar)

- Algebra I and English 10 only
 - No Biology I ECA
- Administered in Grade 10 as Graduation Examination
 - Grades 11, 12 as a Retest
- Aligned to 2000 Math standards; 2006 ELA standards
 - Not aligned to CCR standards
- Beginning in 2015-16, ECAs used for graduation purposes only, not for accountability



ECA Graduation Examination Phase-Out

- Student Cohorts: ECAs as the Graduation Examination
 - Class of 2018 Cohort = Current Grade 10 students
 - Last cohort for ECAs as the Graduation Examination
 - Class of 2019 Cohort = Current Grade 9 students
 - First cohort for ISTEP+ Grade 10 Assessment as the Graduation Examination

	Grade	ECA (IAS 2000	ISTEP+ Grade 10 Assessment (E/LA and Math)	
Year	(Cohort)	Algebra I, 2006 English	Graduation	Accountability
		10)	Examination	Assessment
	Grade 10	Graduation Examination	(Becomes Accountability Exam
2015-16	Grade 11	Retest		
	Grade 12	Retest		
	Adults	Retest		
	Grade 10		Becomes Graduation Exam	Accountability Exam
2016-17	Grade 11	Retest		
	Grade 12	Retest		
	Adults	Retest		
	Grade 10		Graduation Exam	Accountability Exam
2017-18	Grade 11		Retest	
2017-10	Grade 12	Retest		
	Adults	Retest		
2018-19	Grade 10		Graduation Exam	Accountability Exam
	Grade 11		Retest	
	Grade 12		Retest	
	Adults	Retest		
2019-20	Grade 10		Graduation Exam	Accountability Exam
	Grade 11		Retest	
	Grade 12		Retest	
F. S	Adults		Retest	





2015-16 Assessments

ISTAR



ISTAR: Overview

- Indiana Standards Tool for Alternate Reporting (ISTAR)
- Indiana's alternate assessment for students with significant cognitive disabilities
- Vendor: Questar



ISTAR: Participation

- Students who meet specific eligibility criteria participate
- Grades 3-8, 10: English/Language Arts, Mathematics
- Grades 4, 6, 10: Science
- Grades 5, 7: Social Studies

The <u>new</u> ISTAR assessment is a test requiring student interaction with test items for all content areas, rather than a teacher rating tool.

ISTAR: 2015-16 Timeline

Activity	Timeline	
Administer Part 1 (Placement Test)	October 2015	
Administer Part 2	January 2016	
Administer Part 3	April 2016	
Standard Setting (Cut Score Setting)	Summer 2016	



ISTAR: 2015-16 Administration (continued)

- Assessment delivered online
- Administered one-on-one with the student
- Refer to the ISTAR Assessment Guidance_2015-16 document for more details
- Each window contains approximately 10-12 items



ISTAR: 2015-16 Administration (continued)

- Part 1 (October 5 November 6, 2015)
 - Placement test; addresses standards taught in the fall
 - Results place students into one of three tiers
 - Low/medium/high structural-level items
- Part 2 (January 11 February 5, 2016)
 - Assesses standards that are part of instruction during first half of the school year
- Part 3 (April 11 May 20, 2016)
 - Assesses standards that are part of instruction during second half of the school year

ISTAR: Accountability Overview

- ELA, Math
 - Federal accountability calculation
 - Participation and performance
- Science
 - NCLB-required
 - Participation

Social Studies assessment participation is required by Indiana statute.

Accountability Assessments: Support for Educators



Assessment Support

- Test Blueprints
- Instructional and Assessment Guidance
- "Experience" Opportunities



Test Blueprints

- Provide "big picture" view of strands/reporting categories
- Assist in prioritizing curriculum
- Enhance instructional planning
- Guide development of classroom assessments



Instructional and Assessment Guidance

- Provides "granular" view of standards
- Informs curricular and instructional priorities
- Provides transparency regarding assessments



Instructional and Assessment Guidance 2015-16 Mathematics – Grade 5

Represents standards that may be assessed on ISTEP+ Part 1 and ISTEP+ Part 2.
 All standards may be assessed on ISTEP+ Part 2.

Symbol	Content Priority	Approximate Instructional Time
√ +	Critical	50 – 75%
✓	Important	25 – 50%
√-	Additional	5 – 10%

Strand 1 Number Sense		Strand 2 Computation		Strand 3 Algebraic Thinking		Strand 4 Geometry		Strand 5 Measurement		Strand 6 Data Analysis		Strand 7 Mathematical Process	
5.NS.1	✓	*5.C.1	√+	*5.AT.1	√ +	5.G.1	✓	*5.M.1	√+	5.DS.1 *	✓	*PS.1	√ +
5.NS.2	✓	5.C.2	√+	*5.AT.2	√+	*5.G.2	✓	5.M.2	✓	5.DS.2	✓	*PS.2	√+
5.NS.3	√_	5.C.3	√_	*5.AT.3	✓			*5.M.3	√ +			*PS.3	√+
5.NS.4	√_	5.C.4	√+	*5.AT.4	✓			5.M.4	✓			*PS.4	√+
5.NS.5	√-	5.C.5	√+	*5.AT.5	√+			*5.M.5	√+			*PS.5	√+
5.NS.6	✓	5.C.6	√-	5.AT.6	→			*5.M.6	>			*PS.6	√ +
		5.C.7	√+	5.AT.7	\							*PS.7	✓+
		*5.C.8	√+	*5.AT.8	✓							*PS.8	√+
		*5.C.9	√+			·							

"Experience" Assessment Tools

- Item samplers
 - Engaging and interactive
 - Teachers encouraged to use as instructional tools
- Opportunities to practice in vendor's online system



IREAD-3

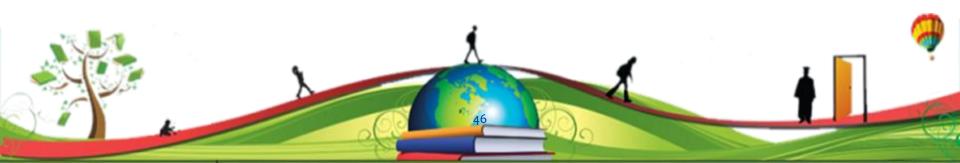


IREAD-3: Overview

- Vendor: Pearson
- Administered in Grade 3
 - Spring
 - Summer retest
- Based on K-3 foundational skills in reading
- IREAD-3 measures whether a student can read;
 ISTEP+ measures how well a student reads



WIDA



WIDA: Overview

- Vendor: Wisconsin Center for Education Research
- WIDA (English language acquisition and proficiency)
 - WIDA-APT (placement test)
 - WIDA ACCESS (annual assessment)
- Online administration in 2015-16



ACCUPLACER



ACCUPLACER: Overview

- Vendor: College Board
- Purpose: Identify students in need of remediation before leaving high school
- Administered to students who meet specific criteria
- 2015-16 administration includes students in Grades 11, 12

PSAT/NMSQT



PSAT/NMSQT: Overview

- Vendor: College Board
- Preliminary SAT/National Merit Scholarship
 Qualifying Test (PSAT/NMSQT)
- 2015-16 includes students in Grades 10, 11
 - Cost covered by IDOE
- Implementation = local decision

Formative Assessments



Formative Assessment Test Grant Program

- Grades 3-10: approximately \$17.45 per student available for ELA and Math
 - K-2 considerations
- Window to submit "Request to Participate" open through September 18



Resources for Guidance

- School Test Coordinator (STC)
- Corporation Test Coordinator (CTC)
- Office of Student Assessment
 - Telephone: (317) 232-9050
 - Email: istep@doe.in.gov
 - Website: http://www.doe.in.gov/assessment
- School Accountability: <u>SchoolAccountability@doe.in.gov</u>



Assessment Update



Thank you for viewing!



